

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:)	Docket No.:	4115-150-CIP-DIV
Applicants:	BRYANT, Joseph, et al.)	Conf. No.:	7909
Application No.:	10/645,451)	Art Unit:	1632
Date Filed:	August 21, 2003)	Examiner:	Marcia S. Noble
Title:	HIV AND CD4 TRANSGENIC ANIMALS AND USES THEREFOR)	Customer No.:	23448

CERTIFICATE OF EFS FILING

I hereby certify that this document is being filed via EFS in the United States Patent and Trademark Office on September 30, 2009.
/kelly k. reynolds/

**RESPONSE TO JULY 30, 2009 FINAL OFFICE ACTION
IN U.S. PATENT APPLICATION NO. 10/645,451**

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

This responds to the July 30, 2009 Final Office Action in the above-identified application. The time for responding to the July 30, 2009 Office Action without extension was set at three months, or October 30, 2009. This Response is therefore timely.

Remarks concerning the amendments to the claims and the substance of the July 30, 2009 Office Action are set out in the **Remarks** section hereof.